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[54] **HINGED FLIP ASSEMBLY FOR A COMMUNICATION DEVICE**

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[57] **ABSTRACT**

[51] **Int. Cl.⁷** **H04B 1/03; H04M 1/03**

[52] **U.S. Cl.** **361/814; 439/165; 455/90; 379/433**

A hinged flip assembly includes a door cover (120) having a chamber (214) and a hub (122) for rotating along a hinge mechanism (133). A transducer (206) is disposed in the chamber (214). At least one wire (202) is coupled (222) through the hub (122) of the door cover (120) for connecting to the transducer (206). A wire connector (204) terminating the at least one wire (202) and the wire connector (204) is also coupled (222) through the hub (122).

[58] **Field of Search** 361/814; 455/89, 455/90, 347, 350, 351; 439/164, 165; 379/431, 432, 433, 58

[56] **References Cited**

U.S. PATENT DOCUMENTS

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9 Claims, 5 Drawing Sheets

